Amendments to the Abstract

Amend the Abstract as follows:

ABSTRACT

The symbol points of a received signal can be more precisely measured. A symbol point estimating apparatus (4), which estimates the symbol points of a received signal z(k) by deciding a time delay T between sampling points of the received signal z(k) as sampled at a sampling frequency fs and the symbol points of the received signal z(k), comprises a multiplication/sum of products output unit (40) for outputting a sum of products $Ae^{i\theta}$ of respective products $Y(n) = Z(n)R(n)^*$ obtained by multiplying a complex conjugate Y(n) of a frequency component Y(n) of an ideal signal Y(n) by a frequency component Y(n) of the received signal Y(n) and a sampling angular frequency Y(n) = Z(n) = Z(